

AMENDMENTS TO THE CLAIMS

This Listing of Claims will replace all prior versions and listings of claims in this application.

Listing of Claims:

1 – 10 (cancelled)

11. (New) A process for producing an aqueous biocidal composition by adding bromine chloride to an alkali metal sulfamate solution formed from water, sulfamic acid and alkali metal base, wherein the pH of said alkali metal sulfamate solution is at least about 13.0 during bromine chloride addition.
12. (New) The process of claim 11, wherein the molar ratio of sulfamic acid to bromine chloride is greater than 0.93.
13. (New) The process of claim 12, wherein sufficient bromine chloride is added such that the resulting aqueous biocide solution has an active bromine content of at least 100,000 ppm.
14. (New) The process of claim 12, wherein the molar ratio of sulfamic acid to bromine chloride is in the range of about 1.0 to about 1.4.
15. (New) The process of claim 14, wherein sufficient bromine chloride is added such that the resulting aqueous biocide solution has an active bromine content of at least 100,000 ppm.
16. (New) The process of claim 11, wherein the pH of said alkali metal sulfamate solution is maintained at a pH of at least about 13.0 during bromine chloride addition by co-feed of an alkali metal base.

17. (New) The process of claim 16, wherein the molar ratio of sulfamic acid to bromine chloride is greater than 0.93.
18. (New) The process of claim 17, wherein sufficient bromine chloride is added such that the resulting aqueous biocide solution has an active bromine content of at least 100,000 ppm.
19. (New) The process of claim 17, wherein the molar ratio of sulfamic acid to bromine chloride is in the range of about 1.0 to about 1.4.
20. (New) The process of claim 19, wherein sufficient bromine chloride is added such that the resulting aqueous biocide solution has an active bromine content of at least 100,000 ppm.
21. (New) An aqueous biocidal solution preparable by adding bromine chloride to an alkali metal sulfamate solution formed from water, sulfamic acid and alkali metal base, wherein the pH of said alkali metal sulfamate solution is at least about 13.0 during bromine chloride addition.
22. (New) The aqueous biocidal solution of claim 21, wherein the molar ratio of sulfamic acid to bromine chloride is greater than 0.93.
23. (New) The aqueous biocidal solution of claim 22, wherein sufficient bromine chloride is added such that the resulting aqueous biocide solution has an active bromine content of at least 100,000 ppm.
24. (New) The aqueous biocidal solution of claim 22, wherein the molar ratio of sulfamic acid to bromine chloride is in the range of about 1.0 to about 1.4.

25. (New) The aqueous biocidal solution of claim 24, wherein sufficient bromine chloride is added such that the resulting aqueous biocide solution has an active bromine content of at least 100,000 ppm.
26. (New) The aqueous biocidal solution of claim 21, wherein the pH of said alkali metal sulfamate solution is maintained at a pH of at least about 13.0 during bromine chloride addition by co-feed of an alkali metal base.
27. (New) The aqueous biocidal solution of claim 26, wherein the molar ratio of sulfamic acid to bromine chloride is greater than 0.93.
28. (New) The aqueous biocidal solution of claim 27, wherein sufficient bromine chloride is added such that the resulting aqueous biocide solution has an active bromine content of at least 100,000 ppm.
29. (New) The aqueous biocidal solution of claim 27, wherein the molar ratio of sulfamic acid to bromine chloride is in the range of about 1.0 to about 1.4.
30. (New) The aqueous biocidal solution of claim 29, wherein sufficient bromine chloride is added such that the resulting aqueous biocide solution has an active bromine content of at least 100,000 ppm.